Manhole Inspection Summary Ma		Manhole # S05UU1012MH
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Inspection	☐ Is Incomplete Rating: 4) Poor	
Record Plat: 05	5UU1 Node: 012 Status: Found	Insp Date: 9/6/06 9:18 AM
Incomplete Cor	mments	Crew: WM, CH
		Inspector: Morris, W
		Firm: RKK
Location	Address: 3500 W NORTHERN PKWY	Cross Street: HAMKIN AVE
Manhole	Type: Junction Location: Roadway	Ground Conditions: Wet
	Prev. Rehab Weather: Dry	Subject To Ponding: None
Comments		
0	Observation Discussion Of (in)	Level (in) DistA/D On to 4 (in)
Cover	Shape: Circular Diameter: 24 (in.)	Length: (in.) Dist A/B Grade: 1 (in.) Cover Material: Cast Iron
Proportios:	Type: Sanitary Condition: Cracked Bolted Vented Water Tight Water	
Frame Offset: 0 (in.) Condition: ✓ Sound ☐ Cracked ☐ Leaks		
Chimney / Frame Adjustment Exists Material: Brick Parged Height: 6 (in.)		
Condition: Sound Cracked Root Intrusion Loose Brick Deteriorated		
Infiltration: ☐ None ✓ Joint ☐ Cracks ☐ Mortar ☐ Roots ☐ Wall		
Corbel	Material: Brick	Type: Concentric/Eccentric
Condition: ✓ Sound ☐ Cracked ☐ Root Intrusion ☐ Loose Brick ☐ Deteriorated		
Infiltration: ☑ None ☐ Joint ☐ Cracks ☐ Mortar ☐ Roots ☐ Wall		
Barrel Material: Brick Parged		
Shape: Circular Diameter: 48 (in.) Length: (in.)		
Condition:		Loose Brick
Infiltration:	None ☐ Joint ☐ Cracks ✓ Mortar	Roots Wall
Bench	✓ Exists Material: Brick	Parged
Condition:	Sound Cracked Root Intrusion I	Deteriorated Leaks Debris
Channel	Material: Brick Parged	Debris (not Condition related)
Channel Exposure: Fully Open Junc Dist: 0 nearest .5 ft. Azimuth:		
Condition:	☐ Sound ☐ Cracked ☐ Root Intrusion ✓	Deteriorated Leaks Debris
Steps Count: 5 Missing: 0 Corroded		
Surcharge	✓ Evidence Of Surcharge Depth: 4 (ft.) [Active Surcharge Present

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Location View



Evidence of surcharge



Barrel deterioration and infiltration.

Top View



Adjustment and Barrel infiltration. Evidence of surcharge - Bench debris. Channel debris. Corroded steps.

Defect



Barrel deterioration and infiltration. (above the I6)

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10 in. Circular Gravity Sewer Pipe Out @ 12 O'Clock



Barrel deterioration and infiltration. Channel deterioration.

Rod and Bar (Angled)

Pipe Material: Clay

Invert Depth: 9.89 (ft.) Flow Characteristics: Fast

Deposits: ☐ None ☐ Mud ☐ Sludge ☐ Debris ✓ Grease

Silt Depth: **0** (in.) Deposits Extent: **Medium** Infiltration: **Evidence** Pipe Seal Cond: **Broken**

Drop: None

Connects To: **Manhole**Possible Illicit Connection

8 in. Circular Gravity Sewer Pipe In @ 3 O'Clock



Barrel deterioration and infiltration.

Drop In @ 3 O'Clock



Barrel deterioration and infiltration.

Rod and Bar (Angled)

Pipe Material: Clay

Invert Depth: 8.38 (ft.) Flow Characteristics: Fast

Deposits: ✓ None ☐ Mud ☐ Sludge ☐ Debris ☐ Grease

Silt Depth: (in.) Deposits Extent:

Infiltration: None Pipe Seal Cond: Unknown

Drop: Outside Rod and Bar

Angled: **Yes** Reading: **8.86** (ft.)

Inv Depth: 9.86 (ft.)

Drop Condition: **Open**

Connects To: Manhole

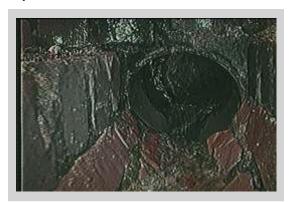
Possible Illicit Connection

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8 in. Circular Gravity Sewer Pipe In @ 6 O'Clock



Barrel deterioration and infiltration. Channel deterioration.

Rod and Bar (Angled)	Drop: None
Pipe Material: Clay	
Invert Depth: 9.70 (ft.) Flow Characteristics: Slo	w
Deposits: ☑ None ☐ Mud ☐ Sludge ☐ Debris	G
Silt Depth: (in.) Deposits Extent:	Connects To: House connection / Service line
Infiltration: Evidence Pipe Seal Cond: Unkn	own Possible Illicit Connection